

Response under 37 C.F.R. §1.116  
Serial No. 10/069,532  
Attorney Docket No. 020245

**AMENDMENTS TO THE CLAIMS:**

This listing of claims replaces all prior versions and listings of claims in the application.

**In the Claims**

Claim 1 (Currently Amended): An electric device of an electric vehicle with a timer, comprising:

a rechargeable secondary battery;

a measuring means for measuring a state of said secondary battery and a memory for storing measured information thereof and information regarding properties of said secondary battery;

a load ~~such as~~ of an electric motor driven by electric power supplied by said secondary battery;

a controller for controlling drive of said load;

a timer having a timer function;

a display and operation unit having a time setting function for ~~said timer~~ setting a specified time based on which charging is started and having a time displaying function;

a battery manager for managing said secondary battery based on information of said measuring means and/or said memory and time information from said timer; and

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an interface to connect a charger via a system bus for charging said secondary battery based on information of said measuring means and/or said memory and ~~time information from said timer~~ the specified time.

Claim 2 (Currently Amended): The electric device ~~with a timer~~ according to claim 1, wherein

said controller also has a function of said battery manager.

Claim 3 (Currently Amended): An electric device of an electric vehicle with a timer, comprising:

a rechargeable secondary battery;

a measuring means for measuring a state of said secondary battery and a memory for storing measured information thereof and information regarding properties of said secondary battery;

a load ~~such as~~ of an electric motor driven by electric power supplied by said secondary battery;

a controller for controlling drive of said load;

a timer having a timer function;

a display and operation unit having a time setting function for ~~said timer~~ setting a specified time based on which charging is started and having a time displaying function;

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a charger for charging said secondary battery based on information of said measuring means and/or said memory and ~~time information from said timer~~ the specified time; and

an interface for connecting the charger with said measuring means and/or said memory, and said timer and said controller via a system bus.

Claim 4 (Currently Amended): The electric device ~~with a timer~~ according to claim 3, wherein

said controller also has a function of a battery manager for managing said secondary battery based on information of said measuring means and/or said memory and time information from said timer.

Claims 5 - 6 (Cancelled).

Claim 7 (Currently Amended): The electric device ~~with a timer~~ according to claim 1, wherein

said secondary battery, said measuring means and said memory are constituted to be an integrated battery unit, and the battery unit is mounted on an electric device main body to be attachable/detachable thereto/therefrom.

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Claim 8 (Currently Amended): The electric device ~~with a timer~~ according to claim 3,  
wherein

said secondary battery, said measuring means and said memory are constituted to be an integrated battery unit, and the battery unit is mounted on an electric device main body to be attachable/detachable thereto/therefrom.

Claims 9 - 13 (Cancelled).

Claim 14 (Currently Amended): The electric device ~~with a timer~~ according to claim 4,  
wherein

said display and operation unit ~~is provided with~~ comprises a time specifying means for specifying a charge completion time, and said charger ~~is provided with~~ comprises means for starting charge so that the charge for said secondary battery is completed at a time specified by the time specifying means.

Claim 15 – 16 (Cancelled).

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Claim 17 (Currently Amended): The electric device ~~with a timer~~ according to claim 1, further comprising:

means actuated at a time specified by said timer, operating said measuring means and said memory, and managing a residual capacity of said secondary battery based on a self discharge amount and a consumption capacity according to properties of said secondary battery.

Claim 18 (Currently Amended): The electric device ~~with a timer~~ according to claim 3, further comprising:

means actuated at a time specified by said timer, operating said measuring means and said memory, and managing a residual capacity of said secondary battery based on a self discharge amount and a consumption capacity according to properties of said secondary battery.

Claim 19 (Currently Amended): The electric device ~~with a timer~~ according to claim 3, further comprising:

means actuated at a time specified by said timer, operating said measuring means and memory, managing a residual capacity of said secondary battery based on a self discharge amount and a consumption capacity according to properties of said secondary battery, and making said charger charge said secondary battery when it needs to be charged.

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Claim 20 (Currently Amended): The electric device ~~with a timer~~ according to claim 4, further comprising:

means actuated at a time specified by said timer, operating said measuring means and memory, managing a residual capacity of said secondary battery based on a self discharge amount and a consumption capacity according to properties of said secondary battery, and making said charger charge said secondary battery when it needs to be charged.